

ATTACHMENT A
TREE BOX FILTERS
MAINTENANCE SPECIFICATIONS

- 1) Tree Box Filters and appurtenances shall be maintained in good working condition acceptable to the County.
- 2) Tree Box Filters and appurtenances shall be privately owned and maintained.
- 3) Tree Box Filters and appurtenances shall be inspected in accordance with the following schedule by a qualified individual to ensure that they operate in good working condition acceptable to the County. Items in need of repair shall be promptly addressed.
 - Inlet (bi-monthly)
 - Tree Grate (annually)
 - Plant Material (quarterly)
 - Outlet (annually)
 - Mulch layer (quarterly)
 - Underdrain (biannually)
 - Surface Area (monthly)
- 4) The mulch layer and soils shall be examined for evidence of hydrocarbons or other deleterious materials if the plant community experiences unsatisfactory growth or mortality. Any contaminated mulch shall be removed and replaced with clean mulch. In the event of persistent unsatisfactory growth, the soils shall be tested as needed for hydrocarbons or other toxic substances. If excess levels of these toxic substances are encountered, then the soils, plants and mulch shall be replaced as needed in conformance with the approved construction plans. The mulch shall be raked and scarified on an annual basis.
- 6) Trees and shrubs shall be mulched to a minimum thickness of 3 inches. Mulch shall be removed and replaced annually.
- 7) Any dead or diseased growth should be immediately removed. The cause of the problem should be determined by a horticulturist or other qualified individual. Any dead or diseased plants should be immediately replaced.
- 8) The surface area should be examined for trash and sediments. These should be removed and properly disposed of.
- 9) Standing water for a period of over an hour after a rain event indicates that the system is not functioning. The outlet structure, underdrain, and soil media should be examined for clogging. The media and stone drainage layer should be replaced if this occurs.
- 10) The inlet should be examined for trash and sediment accumulation. This should be removed and properly disposed of.
- 11) The media should be examined for settlement or erosion. It should be promptly replaced to the design depth and remulched.
- 12) The media should be replaced or replenished according to the manufacturers recommendation for proprietary systems.
- 13) The outlet structure should be examined for clogging or debris. Any sediment or debris should be immediately removed and properly disposed of.
- 14) The owner shall provide an annual report of inspections and maintenance activities including a fiscal summary of budgeted and actual expenditures to the County (Maintenance and Stormwater Management Division) within 45 days of the end of the calendar year. The annual report shall include the names, addresses, telephone numbers,

and other available means of contact (FAX numbers and email addresses) of the current owner(s) and the individual(s) responsible for maintenance of the facility. Inspection and maintenance records also shall be kept on-site or at a location that is readily accessible and shall be made available to County officials upon request.